

ABSTRACT OF THE DISCLOSURE

The present invention aims to improve poor cellular reception at home with minimum cost and extreme ease. In order to avoid the oscillation problem and to acquire proper antenna isolation, traditional residential repeaters consist of an indoor repeater unit and an outdoor antenna wired to the indoor repeater. This design makes installation difficult and cumbersome. In addition, signal loss along the cable is inevitable.

By employing two modular repeaters, the present invention eliminates wires in a residential repeater. Two modular repeaters communicate simultaneously with each other with low radio frequency. Since the present invention does not have wire, installation is simple and easy.

The present invention enables seamless connection between home and a nearby base station or repeater, which means improved cellular reception, less dropped calls and more revenue for the service providers without building costly base stations.